DuPont Haskell Global Centers
for Health and Environmental Sciences
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February 15, 2008

Contain NO CBI

Via Federal Express

Document Processing Center (Mail Code 7407M)
Room 6428
Attention: 8(e) Coordinator
Office of Pollution Prevention and Toxics
U.S. Environmental Protection Agency
1201 Constitution Ave., NW
Washington, DC 20004

8EHQ-99-14583

Dear 8(e) Coordinator:

8EHQ-99-14583
Methomyl
CAS # 16752-77-5

This letter is to inform you of the results of a pre-1977 (1968) acute skin absorption toxicity study in rabbits, which we recently became aware of with an R&D mixture containing 25% methomyl, 25% ethylene glycol, 48.8% methanol and 1.2% inert materials. This mixture was never commercialized.

One rabbit per dose level was doses at 170, 300, 450, 670, 1000, or 1500 mg/kg of body weight. The liquid test substance was applied to the skin and then covered with thin cotton gauze and an impermeable film and elastic adhesive tape. The wrapping was removed after 24 hours and the skin washed with water. Survivors were observed for 14 days.

Death occurred at 1000 (3 hours) and 1500 mg/kg (5 hours). Clinical signs included restlessness, chewing motion, fasciculations, tremors, incoordination, papillary constriction, and copious salivation from nose and mouth. In surviving rabbits, clinical signs included restlessness, chewing motion, fasciculations, incoordination, and/or papillary constriction, for 1-2 days after dosing. The dermal Approximate Lethal Dose (ALD) was 1000 mg/kg.

This information is submitted in accordance with current guidance issued by EPA indicating EPA's interpretation of Section 8(e) of the Toxic Substances Control Act or, where it is not clear that reporting criteria have been met, it is submitted as a precautionary measure and because it is information in which EPA may have an interest.

Sincerely,

A. Michael Kaplan

A. Michael Kaplan, Ph.D.
Director - Regulatory Affairs

AMK: clp
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